UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspio.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/974,777	10/09/2001	Max Schaldach	117163.00028	6887
	7590 03/06/200 R & PARKS, LLP	7	EXAMINER.	
One GOJO Plaza			THALER, MICHAEL H	
Suite 300 AKRON, OH 4	4311-1076		ART UNIT	PAPER NUMBER
			3731	
SHORTENED STATUTOR	Y PERIOD OF RESPONSE	NOTIFICATION DATE	DELIVER	Y MODE
3 MOI	NTHS	03/06/2007	EL ECTRONIC	

## Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Notice of this Office communication was sent electronically on the above-indicated "Notification Date" and has a shortened statutory period for reply of 3 MONTHS from 03/06/2007.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patents@hahnlaw.com akron-docket@hotmail.com

				Ľ
		Application No.	Applicant(s)	
Office Action Summary		09/974,777	SCHALDACH ET AL.	
		Examiner	Art Unit	_
		Michael Thaler	3731	
Period fo	The MAILING DATE of this communication app or Reply	pears on the cover sheet v	vith the correspondence address	
WHIC - Exter after - If NO - Failu Any r	ORTENED STATUTORY PERIOD FOR REPLICHEVER IS LONGER, FROM THE MAILING Disions of time may be available under the provisions of 37 CFR 1.1 SIX (6) MONTHS from the mailing date of this communication. period for reply is specified above, the maximum statutory period to the to reply within the set or extended period for reply will, by statute eply received by the Office later than three months after the mailing and patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUN 136(a). In no event, however, may a will apply and will expire SIX (6) MO e, cause the application to become A	IICATION. a reply be timely filed  DNTHS from the mailing date of this communication.  ABANDONED (35 U.S.C. § 133).	
Status			,	
2a)⊠	Responsive to communication(s) filed on 19 July This action is <b>FINAL</b> . 2b) This Since this application is in condition for allowal closed in accordance with the practice under E	s action is non-final. nce except for formal ma		
Dispositi	on of Claims			
5) □ 6) ⊠ 7) □ 8) □ <b>Applicat</b> i	Claim(s) See Continuation Sheet is/are pendir 4a) Of the above claim(s) See Continuation Sheet Claim(s) is/are allowed.  Claim(s) 1,2,5,6,9,10,12,13,15-18,20,21,23,24  Claim(s) is/are objected to.  Claim(s) are subject to restriction and/of the specification is objected to by the Examine The drawing(s) filed on is/are: a) are subjected to by the Examine The drawing(s) filed on is/are: a) accomplished the specification to the Replacement drawing sheet(s) including the correction.	neet is/are withdrawn from 1,26,27,29,30,47,48,65,7.  or election requirement.  er.  cepted or b) □ objected to drawing(s) be held in abey	3-75 and 77 is/are rejected.  So by the Examiner.  See 37 CFR 1.85(a).	
11)	The oath or declaration is objected to by the Ex	xaminer. Note the attach	ed Office Action or form PTO-152.	
Priority (	under 35 U.S.C. § 119			
a)	Acknowledgment is made of a claim for foreign All b) Some * c) None of:  1. Certified copies of the priority document 2. Certified copies of the priority document 3. Copies of the certified copies of the priority document application from the International Burea See the attached detailed Office action for a list	ts have been received. ts have been received in prity documents have bee uu (PCT Rule 17.2(a)).	Application No en received in this National Stage	
2) Notice 3) Information	et(s) ce of References Cited (PTO-892) ce of Draftsperson's Patent Drawing Review (PTO-948) commation Disclosure Statement(s) (PTO/SB/08) cr No(s)/Mail Date	Paper N	v Summary (PTO-413) o(s)/Mail Date f Informal Patent Application PPENDIX.	

Continuation of Disposition of Claims: Claims pending in the application are 1,2,5,6,9,10,12,13,15-18,20,21,23,24,26,27,29-32,34,35,37-40,42,43,45-50,52,53,55-58,60,61,63-65 and 67-85.

Continuation of Disposition of Claims: Claims withdrawn from consideration are 31,32,34,35,37-40,42,43,45-50,52,53,55-58,60,61,63-65,67-72,76 and 78-85.

Application/Control Number: 09/974,777

Art Unit: 3731

Applicant's election with traverse of the species of figure 3 in the reply filed on June 19, 2006 is acknowledged. The traversal is on the ground(s) that some of the claims are generic to all of the species and some of the claims are "generic" to only some of the species. This is not found persuasive. First of all, a generic claim, by definition, reads on all of the species. Therefore, it is agreed that claims 1, 2, 5 and 6 are generic. However, the fact that some claims are generic (claims 1, 2, 5 and 6) and some claims read on a plurality of species simply does not make an election of species requirement improper.

The requirement is still deemed proper and is therefore made FINAL.

Claims 31, 32, 34, 35, 37-40, 42, 43, 45-50, 52, 53, 55-58, 60, 61, 63-65, 67-72, 76 and 78-85 are withdrawn from further consideration pursuant to 37 CFR 1.142(b), as being drawn to a nonelected species, there being no allowable generic or linking claim. Applicant timely traversed the restriction (election) requirement in the reply filed on June 19, 2006.

Claims 1, 2, 5, 6, 9, 10, 20, 21, 23, 24, 26, 27, 47 and 48 are rejected under 35 U.S.C. 102(e) as anticipated by or, in the alternative, under 35 U.S.C. 103(a) as obvious over Alt (DE 19834956). Alt, as shown in the attached appendix (which is

Page 3

Art Unit: 3731

based on the equivalent U.S. Patent 6,398,805 only because this figure is clearer than the equivalent figure in the foreign patent), discloses bar elements and connecting bars wherein the first and second bar elements are entirely concave over the entire length of the bar element portion, and wherein all of the first and second bar element portions of the first annular extend to an identical extent in portion longitudinal direction. (Note that distance D1 is the same as distance D2 as shown in the attached appendix when the turning portions are not considered to be part of the bar element When the turning portions are considered to be part portions. of the bar element portions, then they clearly extend to an identical extent in the longitudinal direction since the turning portions at opposite ends of the bar element portions are the same distance from each other throughout the stent.) In any event, even if one bar element portion was longer than another, this claim limitation would be met since the claimed bar element portion could be considered to be only that portion of it that bar element that has the same length as the other bar element portion. Alternatively, it would have been obvious that the Alt first and second bar element portions of the first annular portion extend to an identical extent in the longitudinal direction since figure 1 appears to show this.

Art Unit: 3731

to claim 5, the bar element portions are inherently adapted to keep stresses below a plastic deformation limit upon being moved to the implantation location by being curved in a such a way.

Claims 12, 13, 15-18, 29 and 30 are rejected under U.S.C. 103(a) as being unpatentable over Alt (DE 19834956) view of Hoefer (DE 19840645). Alt fails to disclose the direction of curvature of the bar element portions changing in the longitudinal direction of the stent. However, teaches that the direction of curvature of the bar element portions should change in the longitudinal direction of the stent (as shown in figure 2 wherein the curvature alternates between concave and convex in the longitudinal direction of the the apparent advantage This arrangement has increasing the flexibility of the stent in various directions. It would have been obvious to change the direction of curvature of the Alt bar element portions so that it too would have this advantage.

Claims 65, 73 and 74 are rejected under 35 U.S.C. 103(a) as being unpatentable over Alt (DE 19834956) in view of Kveen et al. (6,261,319). As to claim 65, Alt fails to disclose the connecting bars engaging a central region of the bar element portions and being adapted to the curvature thereof. However, Kveen et al. teach that the connecting bars should be so

Page 5

Art Unit: 3731

constructed (e.g. connecting bar 1032 in figure 13). This apparent advantage of arrangement has the increasing flexibility of the stent in various directions. It would have been obvious to so shape the Alt connecting bars so that it too would have this advantage. As to claim 73, Alt fails to disclose connecting bars that are substantially rectilinear. However, Kveen et al., in figure 9, teach that the connecting bars on one end of the bar element portions at 621, 623 should be so shaped (such that they are short and rectilinear) as indicated in col. 11, line 28-31, apparently in order to obtain the advantage of improving the supporting ability of the stent. It would have been obvious to so shape the Alt connecting bars on one end of the bar element portions so that it too would have this advantage.

Claims 75 and 77 are rejected under 35 U.S.C. 103(a) as being unpatentable over Alt (DE 19834956) in view of Kveen et al. (6,261,319) as applied to claim 73 above, and further in view of Hoefer (DE 19840645) for the reasons set forth in two paragraphs above.

Applicant's arguments filed March 3, 2006 have been fully considered but they are not persuasive for the reasons set forth above. In addition, as to the argument on pages 18-19 of the remarks, the Hoefer bar element portions are clearly concave and

convex (since they form a concavity at their top or bottom) and alternate between being concave and convex along the longitudinal axis of the stent.

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael Thaler whose telephone number is (571) 272-4704. The examiner can normally be reached Monday to Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Anhtuan T. Nguyen can be reached on (571) 272-4963. The fax phone number for the

Application/Control Number: 09/974,777

Art Unit: 3731

organization where this application or proceeding is assigned is (571) 273-8300.

mht

MICHAEL THALER
PRIMARY EXAMINER
ART UNIT 3731

Page 7